Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Thursday 08 Dec 2022 until 23:59 on Friday 09 Dec 2022

Forecast Issued on Thursday 08 Dec 2022 at 02:14

Confidence: High for cold with plenty of dry, often clear or sunny weather, through the coming days but a little lower with regard to shower frequency over the weekend.

Headline for Thursday 08 Dec 2022: Mainly dry with sunny spells. Cold, occasionally strong northerly winds

Mountain weather hazards on Thursday 08 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Cloudy	Cloudy	Partly cloudy (night)	Clear night
Precipitation probability					
00%	<05%	20%	20%	<05%	00%

Forecast for Thursday 08 Dec 2022

Weather: Clear overnight with a widespread frost, perhaps a few mist or freezing fog patches in eastern valleys. Then a sunny start but cloud increasing from the north through the morning bringing the risk of a few snow showers, especially to eastern fells through the late morning and afternoon. Dry through the evening with skies becoming clear again.

Chance of cloud-free hill tops above 800m: Close to 100% at first and again later, but falling to 60% over eastern fells and 75% for western fells, from late morning to late afternoon.

Low cloud and visibility: Occasional or, in the east, periods of cloud from late morning to late afternoon above about 600-750m. Away from cloud visibility excellent but a kilometre or less in any early mist and freezing fog and perhaps in any snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 08 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	18/21 NE	18/21 N	21/25 N	22/27 N	23/28 N	18/22 NE	16/20 N
600	11/15 N	11/15 N	10/14 N	12/16 N	14/20 N	11/17 N	10/15 N
300	3/14 N	4/15 N	6/18 N	6/19 N	6/19 N	5/14 N	4/14 N
Valley	5/16 N	7/17 N	5/15 N	7/20 N	9/22 N	7/17 N	4/13 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-5/-12	-5/-13	-5/-13	-5/-13	-4/-13	-4/-11	-5/-11
600	-3/-9	-4/-10	-3/-9	-3/-9	-3/-10	-3/-9	-4/-9
300	-2/-4	-2/-5	-0/-4	-1/-4	-1/-5	-2/-5	-2/-5
Valley	1/-2	0/-3	2/-0	2/-2	2/-2	1/-2	0/-2
Freezing Level*	00m	00m	00m	100m	100m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures at dawn locally minus 4 or 5 Celsius. A cold day with frozen surfaces persisting at almost all levels.

Forecast for Friday 09 Dec 2022

Weather: Dry, clear and frosty overnight. Then a bright, cold day with some long spells of sunshine, just a few snow showers possible, mainly over western fells.

Maximum wind: Mainly westerly or northwesterly 10-15mph.

Chance of cloud-free hill tops above 800m: Close to 100% at first, falling to 60% over western fells and 75% for eastern fells, from mid-morning.

Low cloud and visibility: Occasional or, in the west, periods cloud from late morning to late afternoon above about 600-750m. Away from cloud visibility excellent, perhaps falling briefly to a kilometre or less in any snow showers.

Temperature: **Valleys:** Minus 5 or 6 Celsius at dawn rising to plus 1 or 2 Celsius by day
At 800m: Around minus 6 Celsius, rising briefly to minus 3 Celsius by day
Freezing level: Frozen surfaces expected to persist at all levels.

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Wednesday 7 December 2022 Location: Helvellyn summit at 11:55 Full report: With a frost down to the valleys, there was ice on paths at virtually all levels. However, this was mainly just on drainage lines with many paths, especially below 600m, being dry. Above 700m, and especially above 750m, ground and rocks (including pitched footpaths) are covered by a mixture of frost, rime ice and just a skittering of snow. This was thawing, mainly below 850m, on aspects catching the sun, predominantly South and West facing slopes. Where the snow/frost remains, the main hazard continues to be the slippery nature of the ground and rocks especially on steep and exposed terrain, such as both Striding and Swirral Edges. It is definitely necessary to concentrate on careful foot placement, especially in descent. Full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment including torch, map and compass and the ability to use them in potentially poor visibility such as low cloud are all essential to safely enjoy the fells. Extra clothing is not just for safety, but also for comfort as the summit today was a place to don extra clothing and linger to enjoy the magnificent panorama! For those heading above the snowline and attempting, or traversing, steep and exposed routes microspikes/crampons & a walking ice axe could be a sensible addition to the rucksack in case there is more ice and snow on Thursday compared with that experienced on Wednesday. For anyone intending to go above the snow/frost line, walking poles to aid stability on slippery paths could also be useful. Hopefully sunglasses will also be essential equipment as they were today! Temperature: minus 2.7 C, Maximum wind speed 12.7 mph, Wind chill: minus 9.3 C, Average wind speed: 7.2 mph.

Issued at: 02:14 on Thu 08 Dec 2022

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